

Title (en)
COOLING DEVICE

Title (de)
KÜHLVORRICHTUNG

Title (fr)
DISPOSITIF DE REFROIDISSEMENT

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Application
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Priority
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Abstract (en)
[origin: WO2019166180A1] The invention relates to a cooling device (1) which comprises a housing frame (10), a heat exchanger (20), an electrically operatable fan unit (30), a control unit (40), and a sensor unit (50). The housing frame (10) can be arranged on a first surface of the heat exchanger (20) in particular. The fan unit (30), for example a fan or a ventilator, is arranged such that a first flow of air (60) is generated in the direction of the first surface (22) of the heat exchanger (20) when the fan unit (30) is operated. The fan unit (30) is received in a recess (18) of the housing frame (10) for example. According to the invention, the housing frame (10) has at least one air channel (12) with an air inlet opening (14) and an air outlet opening (16), wherein the air channel (12) is formed parallel to the first surface (22) of the heat exchanger (20) so that a second flow of air (70) can be conducted along the first surface (22) through the air channel (12). At least one measurement variable is detected using the sensor unit (50), and the fan unit (30) can be actuated depending on the at least one detected measurement variable by means of the control unit (40).

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